



SEQUENCE LISTING

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Wood, Keith V.
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<120> Vectors for Directional Cloning

<130> 341.030US1

<140> 10/702,228

<141> 2003-11-05

<150> 10/678,961

<151> 2003-10-03

<160> 92

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aaggagcgat cgccatgn

18

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cgccatgnnn

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nnnngaagag

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gcagcnnnnn nnn

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<210> 9
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<400> 24
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<210> 25
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<400> 25
 Thr Cys Cys Ser Ala Asn Asn Ile Met Thr Asn Lys Ser Arg
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<210> 26
<211> 12
<212> PRT
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<400> 26
Thr Cys Ala Ser Thr Asn Asn Phe Leu Ser Tyr Cys
1 5 10

<210> 27
<211> 19
<212> PRT
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<220>
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<400> 27
Thr Gly Thr Cys Arg Asn Asn Ile Met Val Thr Ala Asn Lys Asp Glu
1 5 10 15
Ser Arg Gly

<210> 28
<211> 13
<212> PRT
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<220>
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<400> 28
Thr Asn Asn Phe Leu Ser Tyr Cys Trp Ala Thr Cys Ile
1 5 10

<210> 29
<211> 12
<212> PRT
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<400> 29
Thr Cys Thr Ser Cys Asn Asn Leu Pro His Gln Arg
1 5 10

<210> 30
<211> 12
<212> PRT
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<400> 30
Thr Gly Thr Cys Cys Asn Asn Leu Pro His Gln Arg
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 1 5 10

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 1 5 10

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 <400> 37
 Thr Cys Thr Ser Cys Asn Asn Leu Pro His Gln Arg
 1 5 10

 <210> 38
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 Thr Cys Gly Ser
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Thr Gly Cys Cys Ala Tyr Asn Ile Met Thr
1 5 10

<210> 42
<211> 18
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Thr Cys Cys Ser Trp Asn Asn Ile Met Thr Asn Lys Ser Arg Phe Leu
1 5 10 15
Tyr Cys

<210> 43
<211> 4
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<220>
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<400> 43
Thr Cys Cys Ser
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<210> 44
<211> 14
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<400> 44
Thr Tyr Ala Phe Leu Ser Cys Asn Asn Leu Pro His Gln Arg
1 5 10

<210> 45
<211> 17
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<400> 45
 Thr Gly Cys Cys Tyr Asn Asn Phe Leu Ser Tyr Cys Leu Pro His Gln
 1 5 10 15
 Arg

<210> 46
 <211> 14
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 Thr Asn Asn Phe Leu Ser Tyr Cys Trp Arg Thr Gly Met Val
 1 5 10

<210> 47
 <211> 14
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 Thr Gly Cys Cys Ala Asn Asn Ile Met Thr Asn Lys Ser Arg
 1 5 10

<210> 48
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<400> 48
 Thr Gly Gly Cys Cys Asn Asn Leu Pro His Gln Arg
 1 5 10

<210> 49
 <211> 15
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<400> 49
 Thr Asn Cys Phe Ser Tyr Cys Cys Asn Asn Leu Pro His Gln Arg
 1 5 10 15

<210> 50
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 1 5 10

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<400> 51
 Thr Cys Lys Ser Gly Asn Asn Val Ala Asp Glu Gly
 1 5 10

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 1 5 10

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<400> 53
 Thr Gly Thr Ser Gly Asn Asn Val Ala Asp Glu Gly
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<210> 54
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 gacnnnnngtc

10

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gaannnnttc

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<210> 57
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Thr Cys Thr Ser Gly Asn Asn Val Ala Asp Glu Gly
1 5 10

<210> 58
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<400> 58
Thr Ala Cys Tyr
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1 5 10

<210> 60
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Thr Gly Gly Cys Gly Asn Asn Val Ala Asp Glu Gly
1 5 10

<210> 61
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<400> 61
Thr Gly Thr Ser Ala Asn Asn Ile Met Thr Asn Lys Ser Arg
1 5 10

<210> 62
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1 5

<210> 63
<211> 14
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Thr Ala Thr Tyr Ala Asn Asn Ile Met Thr Asn Lys Ser Arg
1 5 10

<210> 64
<211> 13
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Thr Cys Cys Ser Thr Asn Asn Phe Leu Ser Tyr Cys Trp
1 5 10

<210> 65
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 Thr Thr Ala Leu Cys Asn Asn Leu Pro His Gln Arg
 1 5 10

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 1 5 10

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 1 5 10

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 1 5 10

 <210> 69
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 aaggagcgat cgcnatg 17

<210> 70
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<220>
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 <221> misc_feature
 <222> 1-3
 <223> n = A, T, C, or G, wherein n_1-n_3 , n_2n_3G , or n_3GC is codon which is not a stop codon

<400> 70
 nnngcgcgatg ccatg 15

<210> 71
 <211> 12
 <212> DNA
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 <223> A synthetic DNA fragment, wherein the complement to the remainder of an open reading frame is present 5' to nnn.

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 <223> n = A, T, G, or C

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 nnnccatggcg at 12

<210> 72
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 <223> n = A, T, G or C, wherein n_1-n_3 is a codon that does not encode for a stop codon

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 <222> 8-9
 <223> n = A, T, G, or C, wherein TN_8N_9 is a codon that does not code for a stop codon

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 <222> 10-12
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 nnnngtttnnn nn 12

<210> 73
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 <221> misc_feature
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 ggatgnnnnnn nnnnnnnnn 18

<210> 74
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 nnnnnnnnnnn nnncatcc 18

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gctcttcnnn n 11

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<400> 77
ggccnnnnng gcc 13

<210> 78
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ccnnnnnnng g 11

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 ggccnnnnng gcc 13

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 <210> 83
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 naaggagcga tcgccatgg 19

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<212> DNA
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naaggagcga tcgccatg

18

<210> 85
<211> 8
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<220>
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<400> 85
Lys Glu Gln Gly Ala Ile Ala Met
1 5

<210> 86
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<400> 86
nnngtttaaa cn

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<210> 87
<211> 11
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nnngtttatc n

11

<210> 88
<211> 11

<212> DNA
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 <210> 89
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 <400> 90
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10